

Listing of Claims:

Claims 1-58 (CANCELLED)

59. (RE-NUMBERED FROM DEPENDENT CLAIM 43) Apparatus for cleaning a window of a vehicle, comprising:

a vessel, having an inlet through which a washing fluid is received from a reservoir and an outlet through which the fluid is discharged for cleaning the window.

a heating element for heating the fluid in the vessel

a temperature sensor; and

a controller for controlling flow of the fluid through the vessel;

characterized by said controller being in electrical communication with said temperature sensor, said controller automatically and intermittently releasing quantities of the fluid through the outlet at a desired temperature, in response to the temperature sensed by the sensor.

60. (RE-NUMBERED FROM DEPENDENT CLAIM 44) Apparatus according to claim 59, wherein a windshield wiper is activated intermittently to clean the window responsive to the intermittent release of the fluid.

61. (RE-NUMBERED FROM DEPENDENT CLAIM 45) Apparatus according to claim 59, wherein said controller regulates the intermittent release of the fluid according to a given timing sequence.

62. (RE-NUMBERED FROM DEPENDENT CLAIM 46) Apparatus according to claim 61, wherein the timing sequence is varied responsive to an ambient temperature in the vehicle.

63. (RE-NUMBERED FORM DEPENDENT CLAIM 47) Apparatus according to claim 61, wherein the timing sequence is varied responsive to a temperature of an outer surface of the window.

64. (RE-NUMBERED FROM DEPENDENT CLAIM 48) Apparatus according to claim 59, wherein an initial quantity of the fluid is released at a substantially higher pressure than subsequent quantities.

65. (RE-NUMBERED FROM DEPENDENT CLAIM 20) Apparatus according to claim 59 and comprising a controller which regulates discharge of the fluid from the vessel responsive to the temperature sensed by the sensor, wherein the controller analyzes signals from the sensor to detect a malfunction of the apparatus and interrupts operation of the heating element when the malfunction is detected.

66. (RE-NUMBERED FROM DEPENDENT CLAIM 28) Apparatus according to claim 59, wherein an additional temperature sensor is fixed on an outer surface of the window to be cleaned.

67. (RE-NUMBERED FROM DEPENDENT CLAIM 29) Apparatus according to claim 66, wherein the temperature sensor is covered by an at least partially reflective cover, so as to substantially neutralize the effect of solar radiation thereon.

68. (RE-NUMBERED FROM DEPENDENT CLAIM 38) Apparatus according to claim 59 and comprising a remote input device, which is actuated by a user of the vehicle to initiate

operation of the apparatus.

69. (RE-NUMBERED FROM DEPENDENT CLAIM 39) Apparatus according to claim 68, wherein the remote input device actuates a wiper to wipe the fluid from the window.

70. (RE-NUMBERED FROM DEPENDENT CLAIM 49) A method for cleaning a window of a vehicle using washing fluid, comprising:

introducing a quantity of washing fluid into a vessel;

heating the quantity of the fluid in the vessel;

measuring an outside temperature outside said vehicle, and;

discharging the fluid onto a window of the vehicle in response to the outside temperature.

71. (RE-NUMBERED FROM DEPENDENT CLAIM 52) A method according to claim 70 and comprising measuring a temperature of the fluid, wherein discharging the fluid comprises controlling the fluid discharge responsive to the temperature of the fluid.

72. (RE-NUMBERED FROM DEPENDENT CLAIM 53) A method according to claim 70 and comprising measuring a temperature of an outer surface of the vehicle, wherein discharging the fluid comprises controlling the fluid discharge responsive to the temperature of the outer surface.